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In re Application of:

Lee and McPherron
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PATENT

Attorney Docket No.: JHU1120-15

dihydrofolate reductase cassette using a methotrexate selection scheme (McPherron et al., *supra*, 1997). Myostatin was purified from the conditioned medium of the highest producing line by successive fractionation on hydroxyapatite, lentil lectin SEPHAROSE gel, DEAE agarose, and heparin SEPHAROSE gel. Silver stain analysis revealed that the purified protein obtained following these four column chromatography steps (referred to as "heparin eluate") consisted of two species with molecular masses of approximately 35 kilodaltons (kDa) and 12 kDa.

B. In the Claims /

Please amend claim 1 to read as follows:

1. (Amended) An isolated polynucleotide encoding a promyostatin polypeptide or a functional peptide portion thereof, or a polynucleotide complementary thereto.
